

IN THE SPECIFICATION

Please replace the paragraph beginning on page 4, line 12, and ending on page 5, line 4, with the following amended paragraph:

b1 A system and method are described for graphically displaying global resources and their associated parameter values and applying them over multiple design projects. The system and method also provide a graphical interface which displays the possible parameter values of an associated global resource. This graphical interface utilizes a pop up menu ~~to~~ for viewing the possible parameter values and the selection of the current parameter value. The system and method also provide tracking and updating of the hardware resources which utilize the parameter values of the global resources. Further, the system also allows the storage of these parameters values of the global resources. By storing these parameter values of the global resources, these parameter values can be set as default global settings. These default global settings can be readily recalled and associated with different projects without manual entry of the parameter values. Therefore, a set of predefined and saved global parameter defaults can be associated with multiple projects by merely causing a name associated with the default global parameters to be associated with the new project.

Please replace the paragraph beginning on page 14, line 2, with the following amended paragraph:

b2 Figure 2A illustrates one embodiment illustrating the display of global resources and their associated parameter values, the display of possible parameter values of one global resource, and the selection of one of the possible parameter values as the

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current parameter value of one global resource. In Block 210, the global resource database is initiated. The information stored within the global resource database 110 (Figure 1) is initialized.

Please replace the paragraph beginning on page 14, line 9, with the following amended paragraph:

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In Block 220, a global resources window is graphically displayed. The global resources window includes a graphical display of the global resources and their associated parameter values. A global resource may include ~~cpu clock~~ CPU clock speed, phase lock loop mode, sleep timer, analog power, clock divider ratio, and the like. In one embodiment, the function within the Block 220 can be performed by the global resource menu 120 (~~Figure 1.~~) (Figure 1).

Please replace the paragraph beginning on page 14, line 16, with the following amended paragraph:

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In Block 230, a global resource parameter value is highlighted or selected within the global resource window. This is performed, in one implementation, by user control. In one embodiment, the highlight or selection of the global resource parameter value is in response to the user input interface 130 (~~Figure 1.~~) (Figure 1).

Please replace the paragraph beginning on page 14, line 21, and ending on page 15, line 8, with the following amended paragraph:

05 In Block 240, the possible parameter values of the global resource corresponding with the highlighted global resource parameter value are graphically displayed in a display screen, e.g., a pop up menu. The possible parameter values displayed on the pop up menu depend on the associated global resource. For example, the possible parameter values for the global resource "phase locked loop mode" is either "on" or "off". Another example, the possible parameter values for the global resource "~~cpu clock~~ CPU clock speed" can be a variety of numerical values and is not limited to an on or off function. Alternate integer entry is provided for numeric inputs. Direct number entry or spinner control with min/max checking is allowed, e.g., $24V1 = 24\text{MHz}/N$ and $24V2=24 V1/N$.

Please replace the paragraph beginning on page 16, line 2, with the following amended paragraph:

06 Figure 2B illustrates a computer implemented process 275 that can be used to associate a stored set of global parameter defaults with multiple design projects in accordance with an embodiment of the present invention. A design project includes a collection of user modules and placements thereof that form an electronic system when implemented on a programmable microcontroller. For instance, Figure 6 illustrates an exemplary design project having seven selected user modules and various placements thereof within the available hardware resources. Typically, a user will assign a name to the design project for ease of manipulation and recall. As also

66 shown in Figure 6 is an exemplary set of global resource parameters 625 that are associated with the project.
